



S/N 09/873,557

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Amaresh Pangal et al.

Examiner: Unknown

Serial No.: 09/873,557

Group Art Unit: 2121

Filed: June 4, 2001

Docket: 884.400US1

Title: FLOATING POINT MULTIPLY ACCUMULATOR

Technology Center 2100

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents  
Washington, D.C. 20231

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants further request that a copy of the 1449 form, initialled by the Examiner to indicate that all listed citations have been considered, be returned with the next official communication.

Under 37 C.F.R. §1.97(b)(3), it is believed that no fee or certificate is required with this Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Account No. 19-0743.

The Examiner is invited to contact the Applicants' Representatives at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

AMARESH PANGAL ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 371-2159Date 11-6-01By Dana B. LeMoineDana B. LeMoine  
Reg. No. 40,062

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this 6th day of November, 2001.

Alisia G. Dunbar

Name

Signature



Sheet 1 of 1

Form 1449*	Atty. Docket No.: 884.400US1	Serial No. 09/873,557
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Amaresh Pangal et al.	
	Filing Date: June 4, 2001	Group: 2121

## U.S. PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
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## FOREIGN PATENT DOCUMENTS

**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes   No
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## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

**Examiner Initial	
	Elguibaly, F., "A Fast Parallel Multiplier-Accumulator Using the Modified Booth Algorithm", <u>IEEE Transactions on Circuits and Systems -- II : Analog and Digital Signal Processing</u> , 47 (9), pp. 902-908, (Sept. 2000)
	Hokenek, E., et al., "Second-Generation RISC Floating Point with Multiply - Add Fused", <u>IEEE Journal of Solid-State Circuits</u> , 25 (5), pp. 1207-1213, (1990)
	Luo, Z., et al., "Accelerating Pipelined Integer and Floating-Point Accumulations in Configurable Hardware with Delayed Addition Techniques", <u>IEEE Transactions on Computers</u> , 49 (3), 208-218, (March 2000)
	Panneerselvam, G., et al., "Multiply-Add Fused RISC Architectures for DSP Applications", <u>IEEE Pac Rim</u> , pp. 108-111, (1993)

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Examiner	Date Considered
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\*Substitute Disclosure Statement Form (PTO-1449)

\*\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



#2  
BT  
GP212/01-3102

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We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.  
☒ A Supplemental Information Disclosure Statement (1 p.), Form 1449 (1 p.), and copies of 4 cited references.

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Dana B. LeMoine  
Atty: Dana B. LeMoine  
Reg. No. 40,062

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Alisia G. Dunbar

Name

Signature

Customer Number 21186

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